

Product datasheet for **TA351727S**

SMC4 Rabbit Polyclonal Antibody

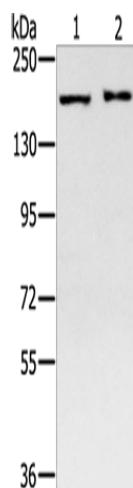
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: 231 and K562 cells IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SMC4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	147 kDa
Gene Name:	structural maintenance of chromosomes 4
Database Link:	NP_005487 Entrez Gene 70099 Mouse Entrez Gene 10051 Human Q9NTJ3
Background:	Members of the structural maintenance of chromosomes, or SMC, family (e.g., SMC1A; MIM 300040) are critical for mitotic chromosome condensation in frogs and for DNA repair in mammals.
Synonyms:	CAP-C; CAPC; SMC-4; SMC4L1

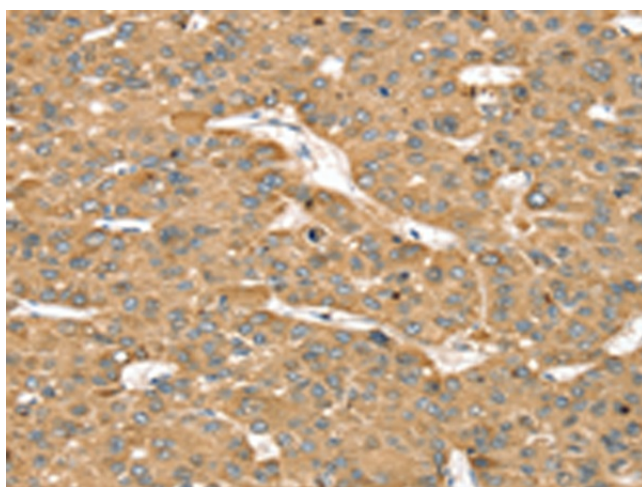


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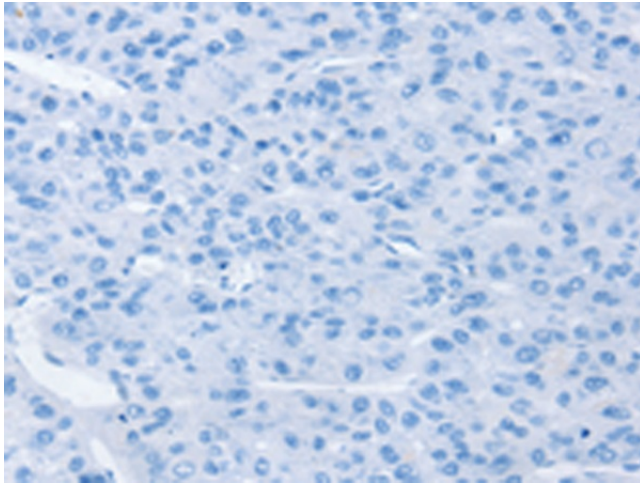
Product images:



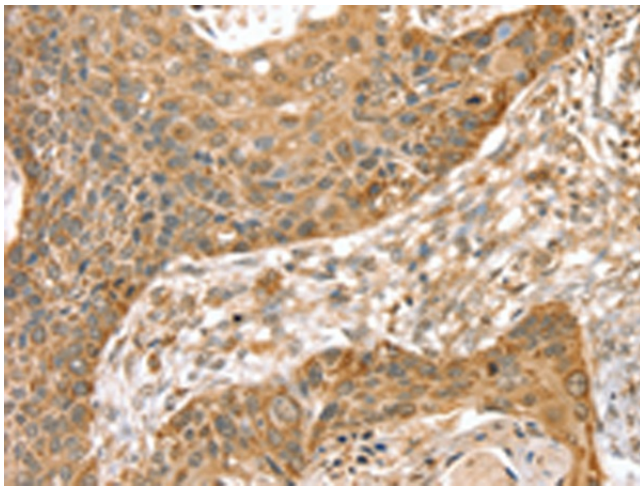
Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: 231 cells
K562 cells
Primary antibody: [TA351727] (SMC4 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 4 minutes



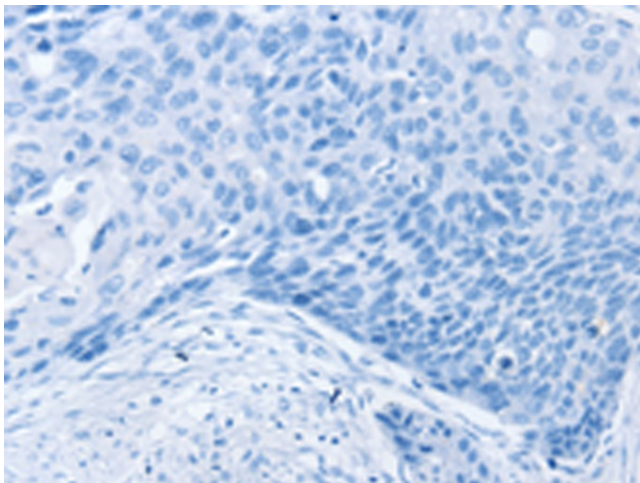
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351727] (SMC4 Antibody) at dilution 1/35 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351727] (SMC4 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA351727] (SMC4 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA351727] (SMC4 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)